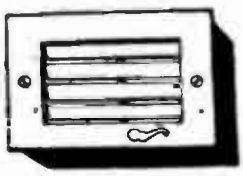
VENTILATION—PURE AIR.

Harrington's Ventilator, for the admission of pure air through an EXTERNAL WALL.

With simple pulley, from 6s. each; with leading pulley, from 6s. 6d. These Ventilators are so arranged that the requisite quantity of air may be admitted for the due ventilation of an apartment without the slightest draught being felt by the occupants; and as they are placed in the external wall, their action is not impeded by the beams to closed for the evening, at which time a constant supply of fresh air is most required.—HAYWARD, BROTHERS, Brass Manufacturers, 135, Blackfriars-road, and 117, Union-street, Borough; and of all respectable ironmongers, builders, &c.

REGISTERED VENETIAN VENTILATOR



For admission of external air or carrying off impure air from rooms, from 6s. 6d. each.—Class 23, Great Exhibition.

J. H. BOOBYER and Co., Ironmongery, Brass Foundry, Nail and Tool Warehouse, 14, Shoreditch-street, Clare-market, London. Established nearly 200 years for the sale of goods from the best manufacturers at the lowest prices.

NOIRSAIN'S VENTILATING GRATES

and STOVES.—A long sought for desideratum at last obtained. Great Economy in Fuel.—entire Prevention of Smoking in Chimneys—and Perfect Regulation of the Temperature of Rooms, effected by the new Ventilating Grates, which may be applied to any fire-place.

M. NOIRSAIN solicits the attention of the public and scientific men to his patent apparatus—the utility and superior advantages of which will be satisfactorily demonstrated at his Depôt, 131, REGENT-STREET, to any visitor. The highest testimonials given. Prices, from Two Guineas upwards.

BENHAM and SONS' IMPROVED

KITCHEN FITTINGS, as supplied by them to several of the principal Club-houses, Railway Hotels, Public Establishments, and Private Families, combining great efficiency and the utmost economy of fuel with perfect simplicity of management and the most substantial workmanship. Specimens of the new Roasting Ranges, Broiling Stoves, Dishing-up Tables, Hot-water Drying-closets, Steam Kettles, &c., may be seen at the EXHIBITION, CLASS 23, No. 99, AVENUE F, ON SOUTH SIDE OF NAVE, and a large collection, including Kitchen Ranges, at every gradation of price, from £4s. to £81, at their MANUFACTORY and SHOW-ROOMS, 19, WIGMORE-STREET, CAVENDISH-SQUARE, LONDON.

COOKING RANGES.—NICHOLSON'S

PRIZE COTTAGE COOKING, and other GRATES, which obtained the premiums offered by the Royal Agricultural Society at the York and Exeter meetings, may be seen in Prince Albert's Model Houses in Hyde-park, in the Model Structure of the Society for Improving the Condition of the Labouring Classes in the Great Exhibition Building, and at his allotment there (No. 67, Class 23), where also are exhibited his recent improvements in large Cooking Grates, including the newly invented Cosmopolitan Cooking Stove, or complete suit of Kitchen Apparatus in one piece, and his Anglo-German Cooking Stove for Cottagers, Emigrants, &c., to which a silver medal was specially awarded at the Exeter show. They may be procured at PIERCE'S, Jermyn-street, London, and of most reputable Country Ironmongers. Price lists and full particulars will be sent on application to the Manufacturer (inclosing four postage stamps), Newark-on-Trent. N.B. Intending purchasers of kitchen grates are earnestly requested in default of receiving satisfactory information, to apply to the manufacturer direct.

STOVES, RANGES, FENDERS, and FIRE-IRONS.

BENETFINK and COMPANY defy competition in the above articles if durability and utility, combined with elegance of design, is deemed to be the test of cheapness.

B. and Co. especially call the attention of Architects and Builders to their house, as they are admitted to have the largest and best selected stock of STOVES, RANGES, &c., as well as of GENERAL FURNISHING IRONMONGERY, in the trade; and the augmented success which has enabled them to attain their present high position in public estimation, is entirely owing to the course they have unswervingly pursued of marking every article in plain figures, at the lowest remunerating cash price, from which no deduction can be made. At this establishment an eight-roomed house can be furnished with every requisite article, of the best quality and workmanship, for £6. The goods sent to any part of the country carriage free; and if in London, delivered daily by our own vans.—Note the address, BENETFINK and COMPANY, 79 and 80, CHEAPSIDE, and 1, IRONMONGER-LANE, LONDON.

PHŒNIX BRASS and IRON FOUNDRY,

Emscote, near Warwick.—WM. CARTER, Sen., manufacturer of handsome STOVE GRATES, FIELD GATES, HURDLES, Fancy Gates, Iron Bedsteads, Railings, Verandahs, and Balconies; Cooking Apparatus, &c.; Cast and Wrought Iron, work to order, wholesale and retail, begs to return his sincere thanks to the nobility, gentry, railway contractors, builders, &c., for the great support he has met with since the erection of his foundry with steam power at Emscote. W. C. informs his friends that he has opened a warehouse, 67, BATH-STREET, ROYAL LEAMINGTON, with a large stock of Grates, Castings, Hurdles, Bedsteads, &c., and he pledges himself all orders shall have prompt attention. From the great experience he has had in the foundry and brass line for so many years, he flatters himself he can supply castings, &c., in quality and price with any other house. Estimates given, if required. Experienced workmen sent to any part of the country to set new or repair old work. N.B. Old cast-iron and brass taken in exchange.

COPPER BOILERS, of various Shapes,

for HEATING BATHS and CONSERVATORIES.

Fig. 1. Fig. 2. Fig. 3. Fig. 4.

Fig. 1, TYLOR'S IMPROVED COPPER CIRCULATING BATH BOILER, on Iron Frame complete for fixing.—Fig. 2, COPPER RIVETTED ARCH TOP BOILER for large Greenhouses or Public Buildings, from four to forty gallons.—Fig. 3, DOME-TOP COPPERS, with draw-off Cocks, for Public Baths, from fifteen to one hundred and fifty gallons.—Fig. 4, TINNED COPPER COIL PIPES for HEATING BATHS, by passing Water through the Kitchen Range Boiler.—Apply to Ironmongers or Plumbers, or to the Manufacturers, J. TYLOR and SON, Warwick-lane, London.

FULKES' RANGE and STOVE MANUFACTORY and BUILDERS' IRONMONGERY WAREHOUSE,

Nos. 91 and 92, Park-street, Camden-town. A first-rate stock of black Ironmongery, black and bright Register Stoves and Ranges, at much reduced prices. Goods delivered within five miles carriage-free.

TO BUILDERS and CARPENTERS.—

100 Self-acting Cottage Ranges, with oven, boiler, and tap, 36 in. ..... 22s. 6d.
100 Strong Register Stoves, double backs ..... 13s. 6d.
200 Strong Bed-room Stoves, double backs ..... 4s. 9d.
Best Parlour Stoves ..... 21s. 6d.
Strong Self-acting Ranges, Bright fittings, 3 ft. 6 in. ..... 30s. 6d.
Drawing room and other Fenders and Fire-irons, equally as cheap at J. HARTILL'S Fender, Fire-iron, and Stove Manufactory, 69, West Smithfield.

TO BUILDERS, CARPENTERS, &c.—

The undermentioned are the PRESENT PRICES of IRONMONGERY, at YOUNG'S, 194, Oxford-street. Every other article equally low. Orders executed upon receipt of remittance or a respectable London reference.

	2	2½	3	Inches.
Cast Butts	8s. 3d.	7s. 6d.	11s. per 6 dozens	
Cast Clasp	8d.	7d.	1s. 6d.	1s. 3d. } per
	4d.	6d.	10d.	9d. } 1,000.
	Nos. 3	4	5	6	
Patent Line	2s. 6d.	1s.	8s.	14s. 6d. per gross.
	2	2½	3 Inches.	
Rain Pipe	9½d.	10½d.	1s. 1d. per yard.	

CLARK and HUNT'S IRONMONGERY,

STOVE and METAL WAREHOUSE, 189, Shoreditch.

Improved Cottage Ranges, with { 20 22 24 26 inch.
Large Oven and Boiler ..... { 25s. 30s. 35s. 34s.
Best Self-acting Ranges, with Oven and { 24 26 28 43 inch.
Best Parlour, Bright Wrought Bars .. { 24s. 28s. 32s. 42s.
Strong Elliptic Stoves, with Extra Back and Solid Bars, per inch, 8½d.
Rectular Stoves, with Solid Bars, per inch, 5d. Best Solar, with Fire Brick Back, per inch, 10d.
Bright Stoves, with Two Fires, 20s. to 140s. each.

Cast Rain-water Pipe {	2	2½	3 inch
	8d.	10d.	1s. per yard.
Cast Gutters—4 inch, 6d. per yard.			
O. G. Gutters ..... {	4		4½ inch.
	11d.		1s. per yard.
Best Cut Clasp {	1½	1¾	2	2½	3 inch.
and Rose {	14s. 6d.	14s.	12s. 6d.	13s.	13s. per cwt.

Sheet Flooring Brads, 11s. 6d. per cwt.
1-inch Cut Lath, 14s. Cast Lath, 8s. 6d.
6 inch 3-Bolt Rd. Ward Mortice, with best Furniture and Patent Spindles, 2s. 9d. Light Elliptic and Register Metal, 12s. per cwt.
Hot Water Pipes, 8s. 6d. per cwt.
Dr. Arnott's Ventilators, 9s. each.
An extensive stock of bar, rod, hoop, and sheet iron.
Clark and Hunt's Improved Glass Paper.

TO BUILDERS, CARPENTERS, CABINET MAKERS, &c.

JOHN DALE, 18, CHISWELL-STREET,

begs to inform the above Trades, that he has purchased the business and premises of the late Mr. F. B. WILLIAMSON, Ironmonger and Stove Manufacturer, 18, Chiswell-street, Finsbury-square, where J. D. continues to carry on the said business, which, with his own, will form one of the most varied and extensive stocks of ironmongery in London, every article being of the best description and lowest possible prices:—

Elliptic Stoves, double backs, 24d. per inch.
Register Stoves, 5d. 6d. 6½d. 7½d. per inch.
Self-acting Ranges, with circular ovens and back boilers, best wrought bars and bright fittings:—

2 ft., 2l. 12s.	3 ft. 6 in., 2l. 7s.	4 ft., 2l. 12s.

3-feet Cottage Ranges, with ovens and back boilers, 22s. each.
3-feet self-acting ditto, ditto ..... 22s. each.
Air Bricks, 2s. 6d. per doz.—1-inch Cut Lath Nails, 12s. 6d. per cwt.

Best Patent Cut Clasp.

1½	1¾	2	2½	3 inch and larger.
14s. 6d.	14s.	13s.	12s. 6d.	12s. per cwt.

Best Sheet Floor Brads, 11s. 6d. per cwt
Best Town Glue, 20s. Ditto, Scotch, 32s. per cwt.

Best Patent Sash Line.

1	2	3	4	5
4s.	4s. 9d.	5s. 6d.	7s.	9s.	10s. 6d. per gross

List of Prices had on application at the Warehouse, or by letter prepaid.

TO BUILDERS, CABINET-MAKERS,

and OTHERS.

Best Cut Sheet Flooring Brads, 11s. 6d. per cwt.
Fine Cut Clasp and Rose.

14s. 6d.	14s. 6d.	13s. 6d.	12s.	12s. 3d. per cwt.
1½	1¾	2	2½	3 inch.

Cross Garnet Hinges, per dozen pair.

2s. 9d.	3s. 3d.	4s.	4s. 9d.	5s.	7s. 3d.	
10	12	14	16	18	30 in.	

Best Bright Tower Bolts, per doz.

1s. 3d.	1s. 7d.	2s.	2s. 6d.	3s. 9d.	5s. 3d.	7s. 6d.
3	4	5	6	7	8	9 in.

Iron Rain-water Pipe.

9d.	10d.	1s. 1d.	1s. 3d.	1s. 9d. per yard.
2	2½	3	3½	4 inch.

Best London Glue, 40s. per cwt.
Cast Lath Nails, 10s. per cwt.
Air Bricks, 2s. 3d. per doz.
Hooping for bond, 2l. 10s. per ton.
Sash Weights, 4s. per cwt.
TERMS—NET CASH.
A price-list may be had on application.
A. L. PFEIL and Co.,
Wholesale Ironmongers, Brass Foundry and Nail Warehouse,
8 and 9, Broad-street, Bloomsbury, London.
AGENTS FOR LEAN'S PATENT MORTISE LOCKS AND BOLTS.

TO BUILDERS, CARPENTERS, AND OTHERS.

BENJAMIN WALMSLEY, IRONMONGER, BRASSFOUNDER, STOVE and RANGE MANUFACTURER,

126 and 127, LONDON-ROAD, Southwark, for the supply of builders, carpenters, cabinet-makers, upholsterers, blind makers, smiths, wheelwrights, &c., at wholesale prices:—

Best Cut Sheet Flooring Brads, 11s. 6d. per cwt.

Best Cut Clasp {	1½	1¾	2	2½	3 in.	
and Rose .. {	14s. 6d.	14s.	12s. 6d.	12s. 9d.	12s.	12s. 6d. per cwt.

Cast Lath, 8s. 6d. per cwt; Sash Weights, 4s. per cwt.
Sash Pulleys, 6s. per gross.
Cast Butts, per dozen pair:—3-in., 10d.; 3½-in., 1s. 3d.; 3-in., 1s. 9d.

Iron Rain-water {	2	2½	3 in.
pipe ..... {	8d.	10d.	1s. 1d. per yard.
Half Round {	3	3½	4 in.
Gutter ..... {	7d.	7½d.	8½d. "
O G Gutter .... {	4	4½	5 in.
	11d.	1s.	1s. 6d. "

Air Bricks, 2s. 6d. per dozen. Hooping for Bond, 2l. 6d. per cwt.
Dr. Arnott's Ventilators, 4s. 6d. each.
3-ft. Self-Acting Cottage Ranges, with Oven and Boiler, 20s. each.
3-ft. ditto, with Wrought Bars and Bright Fittings, 22s. each.
Register Stoves, with Double Backs, 5d. per inch.
Elliptic Stoves, with Double Backs, 12½d. per inch.
Bright Register Stoves, with Two Sets of Bars, from 2l. each.

An excellent variety of Black and Bright Register Stoves kept ready for use at all prices, to which the attention of architects and builders is respectfully invited.

A large assortment of Rim, Mortice, Drawback, Iron Gate, and other Locks and Latches. An extensive Stock of neat and elegant Door Furniture, in Brass, Porcelain, Glass, and Fancy Woods.

Finger Plates, Levers, and Bell pulls on ends.
Bar, Hoop, Sheet and Red Iron, and Spring steel.

The stock of this establishment is so extensive to be described in the limits of an advertisement; and the most correct idea that can be given of it is by stating that every trade consuming ironmongery can here select whatever they require at wholesale prices.

WALMSLEY'S, 126 and 127, LONDON-ROAD, SOUTHWARK, six doors from the Obelisk.

WARMING by HOT WATER.—

J. WEEKS and Co., KING'S-ROAD, CHELSEA, solicit the honour of Architects to inspect their Hot-Water Apparatus, which is to be seen on their premises, in extensive operation. Ornamental Pedestals and Stands of Pipes in great variety, applicable for warming churches, mansions, entrance-halls, offices, conservatories, &c.—TUBULAR BOILERS of all sizes, warranted to be the most efficient and economical of any yet introduced.—J. WEEKS and Co., Hot-Water Apparatus Manufacturers, King's-road, Chelsea.

HOT-WATER APPARATUS.—The

attention of architects, builders, and others is respectfully requested to BENJAMIN FOWLER'S superior method of heating churches and chapels, halls, staircases, conservatories, forcing and green houses, manufactories and warehouses, kilns, rooms for drying timber, &c., and every variety of purposes for which artificial heat is required. Within the last twenty years some hundreds of buildings have been heated upon this plan, and the parties for whom they were executed are constantly expressing their satisfaction, also their willingness to vouch for their efficiency.

BENJAMIN FOWLER, late of 63, Dorset-street, removed to the new factory, Whitefriars-street, Fleet-street.

TO BUILDERS AND FLORISTS.

IRON PIPES for hot-water circulation, with

Boilers, Fittings, and every connection, at wholesale prices. RAIN-WATER PIPES, ovo and O G gutters, air bricks, sash weights, and railing bars; STABLE FITTINGS, pumps, lamp columns, wrought-iron tubing and under-ground pipe of all sizes, and on the above terms, at LYNCH WHITE'S, Old Barge Iron Wharf, Upper Ground-street, London.

CAST-IRON PIPES, IRON WORK FOR OVENS, &c.

RAIN PIPES, &c.—F. A. TIDDEMAN

and Co., St. Ann's Wharf, Earl-street, City, near Blackfriars-bridge, keeps a large stock of Rain Pipes, Heads, Shoes, Elbows, &c., half round and O. G. Gutters, Socket Pipes for Water or Gas, Flanch Pipes, Sash Weights, and other Castings; Iron Work for Bakers' Ovens of every description, fitted complete, to be had in sets or in parts.—Prices equal to all competition. Contracts taken to any extent. Goods landed. A powerful crane.

TO BUILDERS, IRONMONGERS, AND OTHERS.

RAIN-WATER PIPES, O G and Half-round Gutters, Sash-Weights, Railing Bars, Air Bricks, &c.

J. JONES, Iron Merchant, Iron-bridge Wharf, No. 6, Bankside, has the largest stock in London of the above and other castings, of the very best quality. Also, cast-iron pipes for gas, water, or drainage; bends, tees, &c.; flange and hot-water pipes, with all the usual connections; lamp-posts and reverts, stable fittings, pig-troughs, &c. &c.

Prices will be forwarded on application, which will be cheaper than any other house in London.

J. JONES, IRON MERCHANT, IRON-BRIDGE WHARF, No. 6, BANKSIDE, LONDON, near the Southwark Iron Bridge.

TO BUILDERS AND THE TRADE.

CASTINGS, RAIN-WATER PIPE, GUTTERING, SASH-WEIGHTS, &c.

Iron Rain-water Pipe...	2	2½	3	3½ inch
	8d.	10d.	1s. 1d.	1s. 3d. per yd.
Half Round Gutter	3	3½	4 inch	
	7d.	7½d.	8d. per yard.	

Sash-weights, 4s. per cwt. Air Bricks, 2s. 6d. per dozen.
Underground Pipe, 4s. 9d. per cwt.

A large stock of CASTINGS and WROUGHT-IRON WORK for BUILDING and other purposes, at equally low prices, consisting of,—

GIRDERS AND COLUMNS.	STENCH-TRAPS.
RAILING AND STAIRCASE BARS.	SKYLIGHTS.
BALCONIES AND BALCONETTS.	SASHES, WROUGHT AND CAST.
CANTILEVERS AND BRACKETS.	STOVES, ALL DESCRIPTIONS.
FURNACE BARS AND GRATINGS.	COPINGS FOR WALLS.
LAMP POSTS.	MANGERS.
PUMPS.	HAYRACKS.
COLE-HOLE PLATES AND SCRAPERS.	SUPPLY CISTERNS.
	FIREPROOF DOORS.
	TANKS, &c. &c. &c.

Every article in the trade kept in stock. An extensive assortment of patterns for both PLAIN and ORNAMENTAL CASTINGS, and every description of WROUGHT-IRON WORK.

ESTIMATES on application or by post.

COTTAM AND HALLEN,
IRON WORKS, 8, WINSLEY-STREET, OXFORD-STREET, AND CORNWALL-ROAD, LAMBETH.

DOOR SPRINGS.—T. R. BODMER

begs to direct the attention of Architects, Builders, and others, to his Registered TORSIONAL DOOR SPRINGS, which are the most efficient and simple in action, neat in appearance, and capable of being adjusted to suit any door.—Sole agents for London, Messrs. DEANE, DRAY, and Co., London-bridge.

TO ARCHITECTS AND BUILDERS.

THWAITES and REED, original inventors

of the spiral door-springs, beg to call the attention of the trade to those manufactured by them, which, for durability and ease in working, are superior to any other; they have been in use upwards of twenty-five years at the Bank of England, and many other public establishments.—To be had only at their manufactory for church and house clocks, counting machines, wind dials, &c., 4, Bowman-street, Clerkenwell. Established 1740.

COLLINGE'S PATENT HINGES.—Sole

Manufacturers, CHARLES COLLINGE and CO., 63, Bridge-road, Lambeth, where a great variety are always on view for church, park, railroad, coachhouse, and other gates and doors of large and small dimensions; a gate of a ton weight moving with these hinges as easily as a wicket. Ornamental hinges, adapted for drawing-rooms, &c.; doors fitted with them may be removed and replaced in an instant. Rising and double-acting spring hinges, and superior gate fastenings, at moderate prices. None genuine unless marked "Charles Collinge, Patent, Lambeth." Plain and ornamental cast and wrought-iron work, for building and other purposes. Engines, machinery, patent sifetrous, sugar-mills, &c.

IRON FOUNDRY, 80, Goswell-street (late of Brick-lane, St. Luke's).—J. J. JONES,

having made great additions to his STOCK of PATTERNS, begs to inform the Trade that he can now supply them with Plain and Ornamental Iron Columns, Girders, Railings, Gates, Iron Coping, Balconies, Window Guards, Verandahs, Ornamental Staircase Panels, Iron Staircases, Tomb Enclosures, Trellis Panelling, Lamp and other Brackets, Cantilevers, Newel Bars, Water Closet Work, Area Gratings, Fly and other Wheels, Wheel Plates, &c.

BAKERS' OVEN WORK, Forge Backs and Troughs, Rain Water Pipes and Gutters, Sash Weights, Furnace Bars, Stove Ranges, &c., always in stock.

FOUNDRY AND IRON WORKS,

183, DRURY-LANE, and CHARLES-STREET, DRURY-LANE.

GLOVER, BROS.,

Solicit the attention of the Trade to their extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION, either structural or ornamental.

Patterns of Girders, Columns, Balconies, Railing, Ornamental Carriage and Park Gates, Lamp and Street Posts, Tanks, Pipes, Wheels, Pinions, Latches, and Steam-engines; Range and Hot-plate Metal. An improved Soot Door adapted for internal work.

A large stock of Rain-water Pipes, Plain and O G Gutters, Air-bricks, Sash Weights, Air-tight Sewer Grates, Stable Fittings, Hurdles, &c.

Plain and Ornamental Vases 20 per cent. cheaper than Terra-cotta.

Estimates given for Iron Buildings, Wrought-iron Roofing, Greenhouses, Staircases, Wrought-iron Girders, Fireproof Doors, Book-safes and Strong Rooms, Tanks and Boilers, and every description of Ironwork to specification, and the work executed with every attention to quality and despatch.

GLOVERS' IRONWORKS,
183, DRURY-LANE, and CHARLES-STREET.

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